

20427 U.S. PTO

FORM PTO-1082

81876.0064

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The application of:

Kenji OTANI and Norio FUJII

Serial No: Not assigned

Filed: April 19, 2004

For: Differential Current Output Unit

19587 U.S. PTO  
10/828373

041904

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

☒ 5 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.☒ 40 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.☒ An assignment of the invention to ROHM CO., LTD. ☒ is enclosed ☐ will follow.☐ An associate power of attorney ☐ is enclosed ☐ will follow.☐ Applicant claims small entity status. See 37 CFR 1.27.☒ Declaration and Power of Attorney ☒ is enclosed ☐ will follow.☒ A certified copy of Japanese Patent Application No. 2003-121152 filed April 25, 2003 from which priority is claimed under 35 U.S.C. § 119 is enclosed.☐ IDS enclosed (☐ with reference(s)).☐ Preliminary Amendment is enclosed.☐ Application data sheet is enclosed. See 37 CFR 1.76.☒ Return postcard is enclosed.

Return postcard is enclosed.

CALCULATION OF FEES								
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	21	-20	1	LG=\$18 SM=\$9	\$18	18	
B	INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$86 SM=\$43	\$86	\$ 0	
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							18
D	MULTIPLE-DEPENDENT CLAIMS FEE				LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0	
E	BASIC FEE				LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770	
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 788
G	ASSIGNMENT RECORDING FEE						\$ 40	\$ 40
	*LIST INDEPENDENT CLAIMS 1							

☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.☒ A check in the amount of \$ 788.00 to cover the filing fee is enclosed.☒ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.☒ Any additional filing fees required under 37 C.F.R. 1.16☒ Any patent application processing fees under 37 C.F.R. 1.17

Date: April 19, 2004

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Respectfully submitted,  
HOGAN & HARTSON L.L.P.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kenji OTANI et al.

Serial No: Not assigned

Filed: April 19, 2004

For: Differential Current Output Unit

Art Unit: Not assigned

Examiner: Not assigned

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

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Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ check in amount of \$ 788.00 as filing fee
- ☒ patent application ( 40 page(s) of specification; 21 claim(s); 1 page(s) of abstract
- ☒ 5 sheet(s) of formal drawings
- ☒ executed Declaration and Power of Attorney
- ☒ assignment of the invention to ROHM CO., LTD.
- ☒ certified copy of Japanese patent application No. 2003-121152 which was filed April 25, 2003 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION

Commissioner for Patents

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Date: April 19, 2004

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Reynaldo Gallardo

Name of person mailing papers

Signature